

*Fig. 1*

405000 4946250

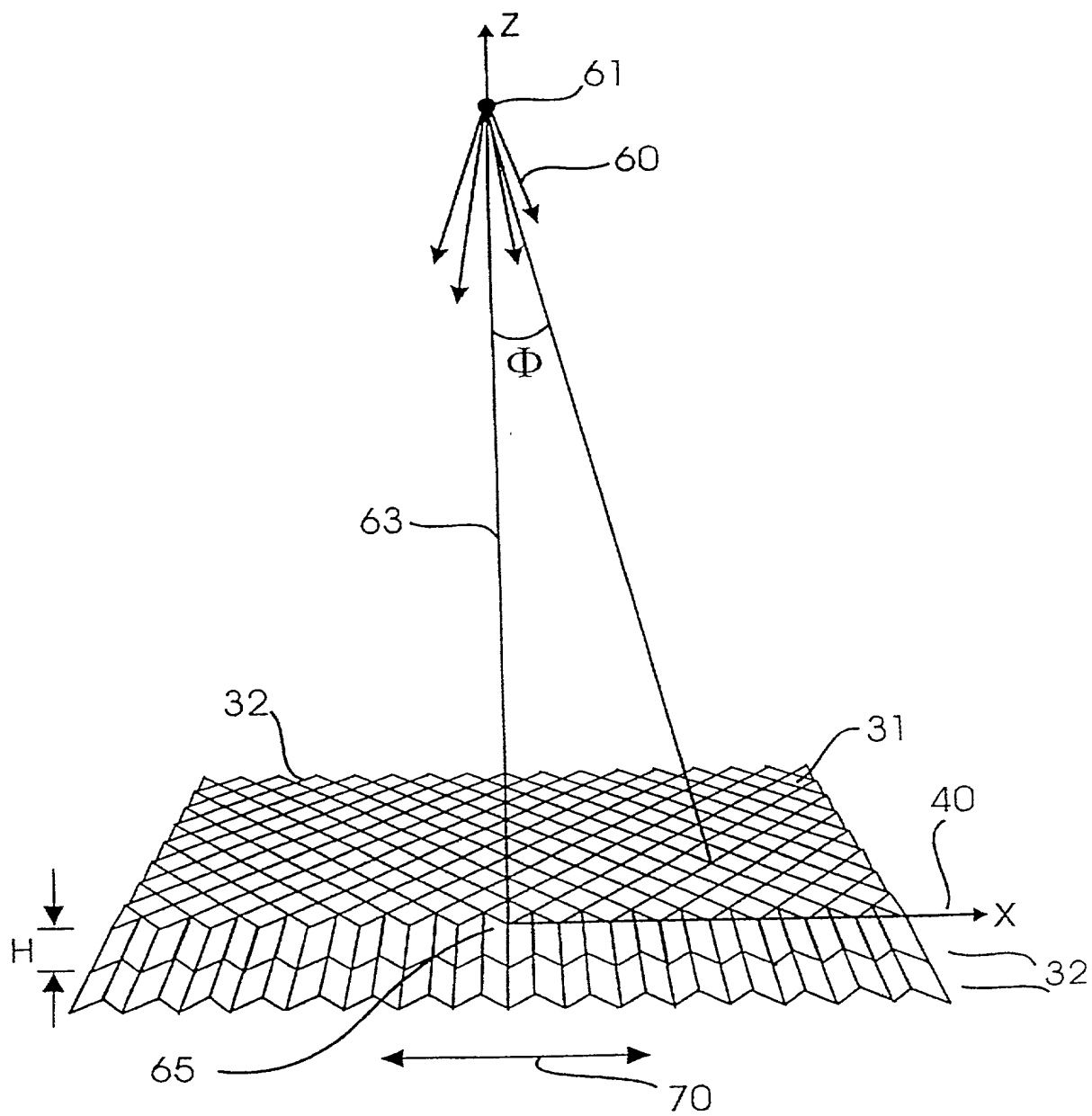


Fig. 2a

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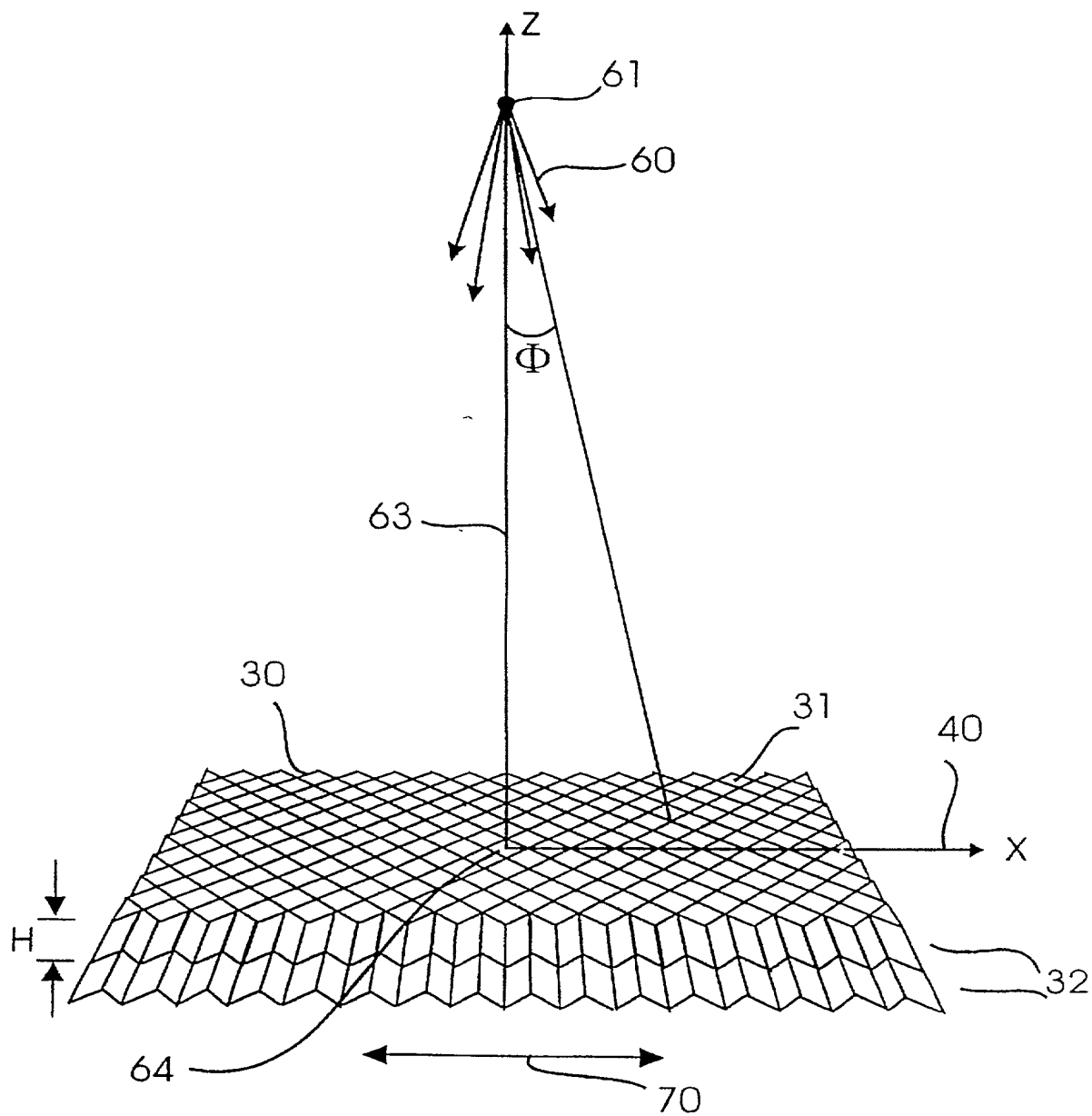


Fig. 2b

FIG. 3

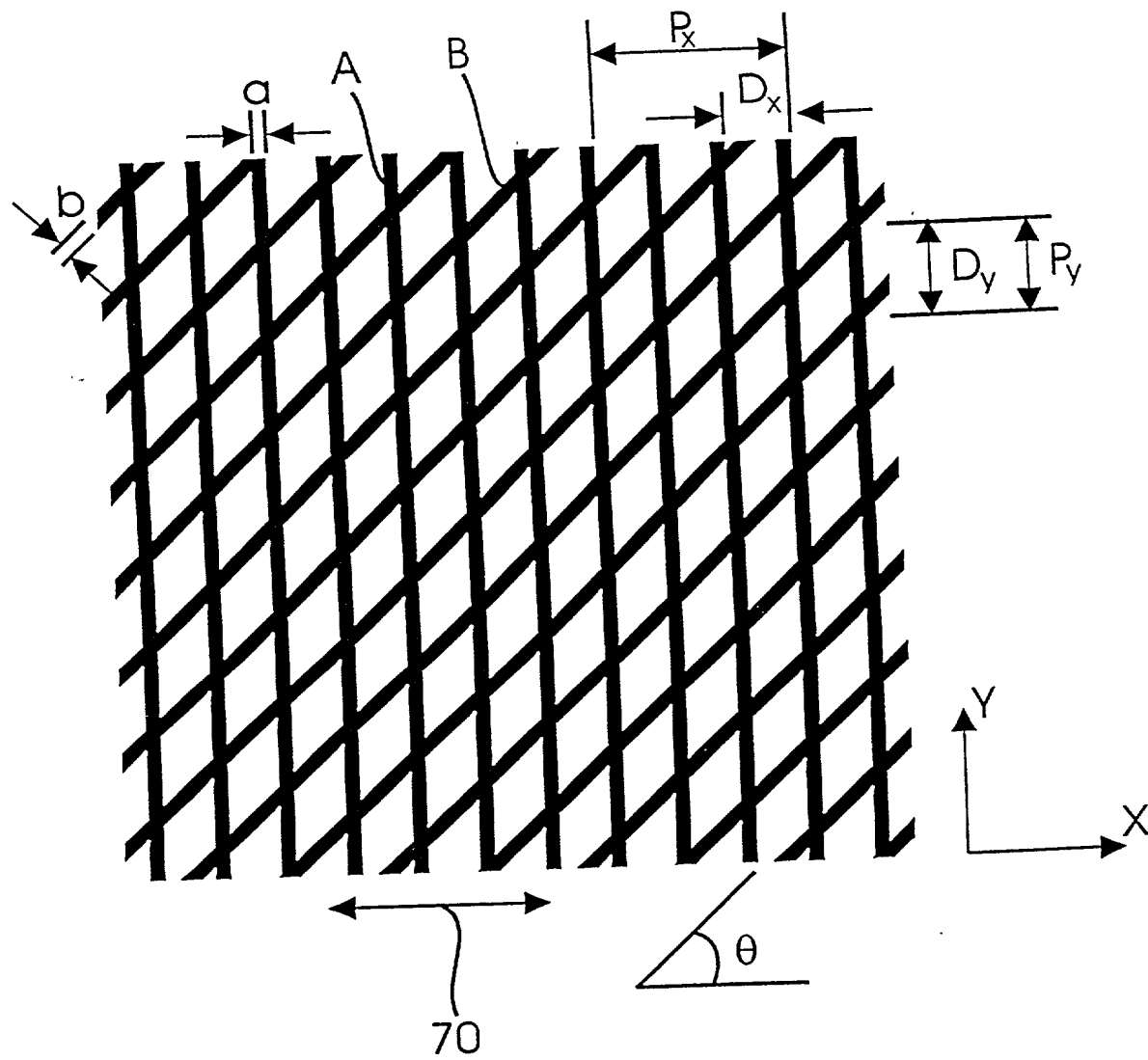


Fig. 3

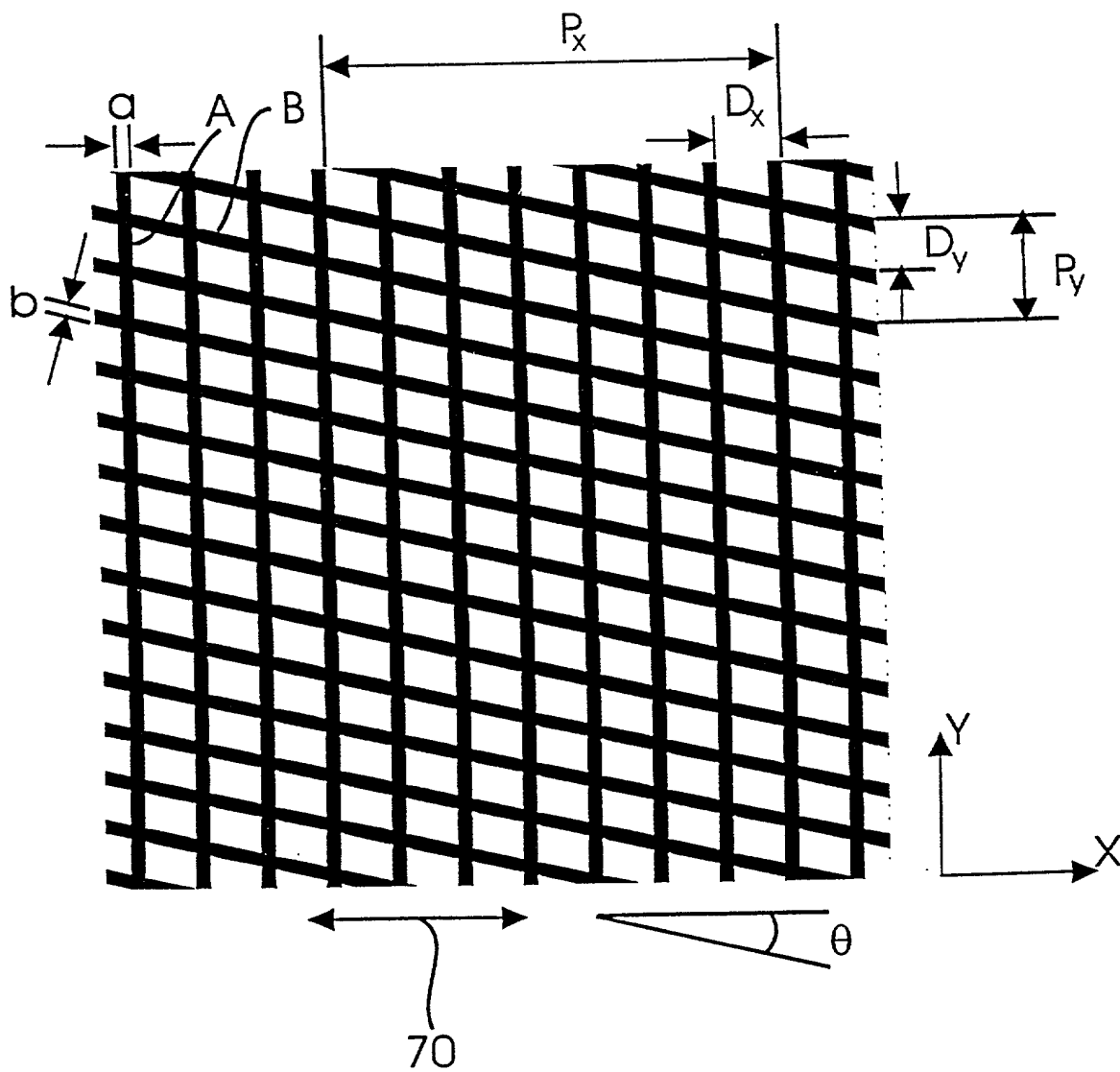


Fig. 4

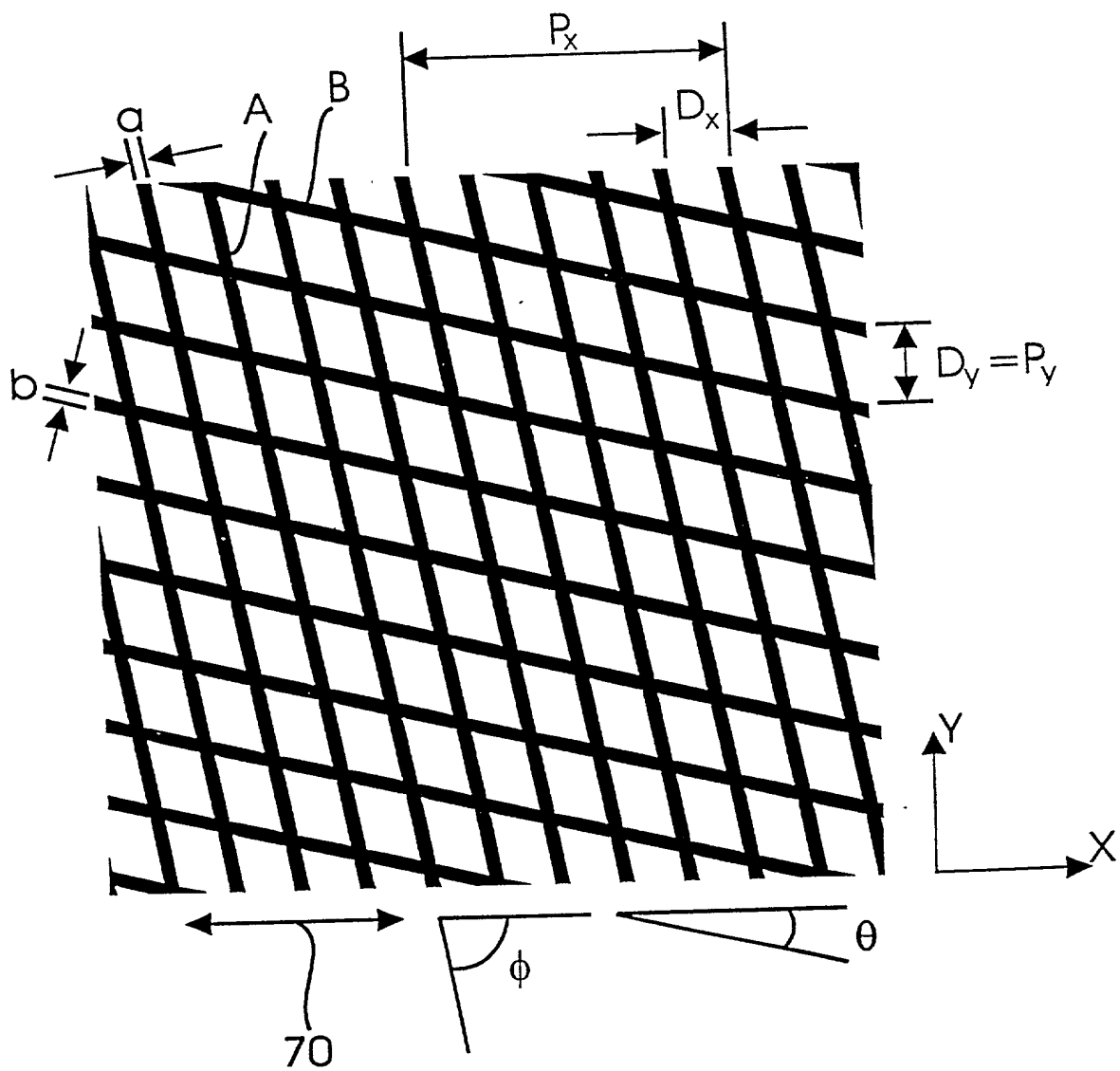


Fig. 5

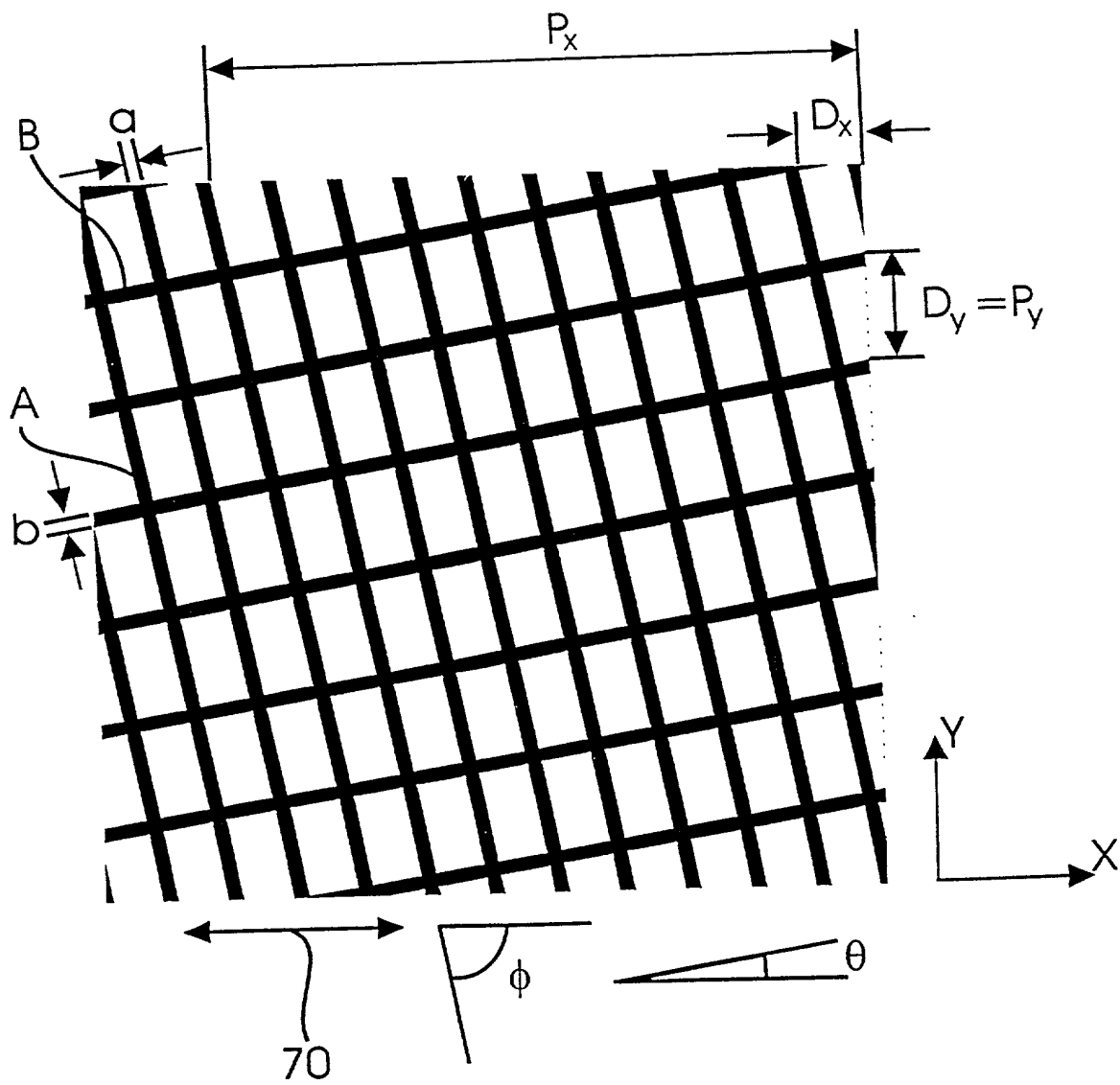
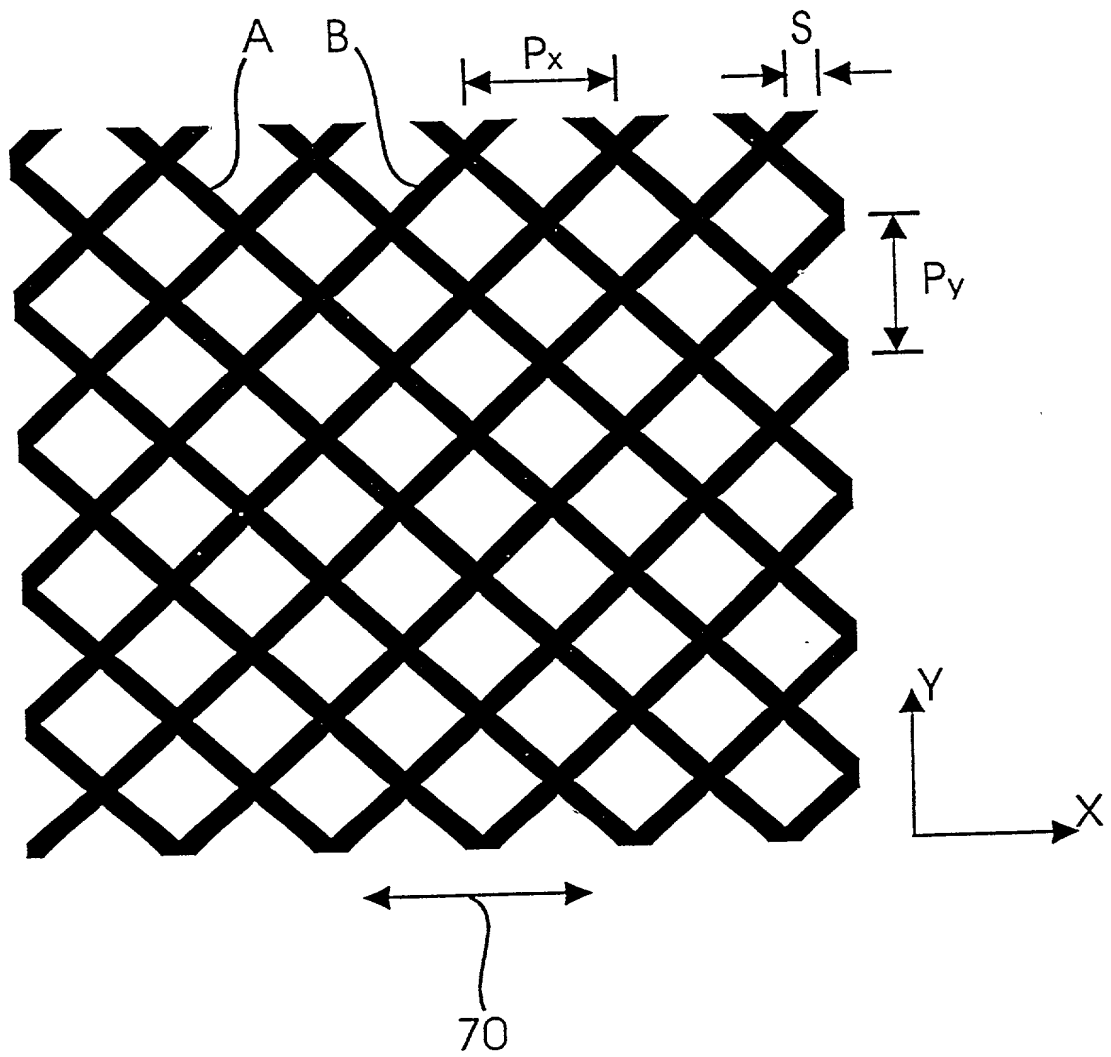


Fig. 6



*Fig. 7*



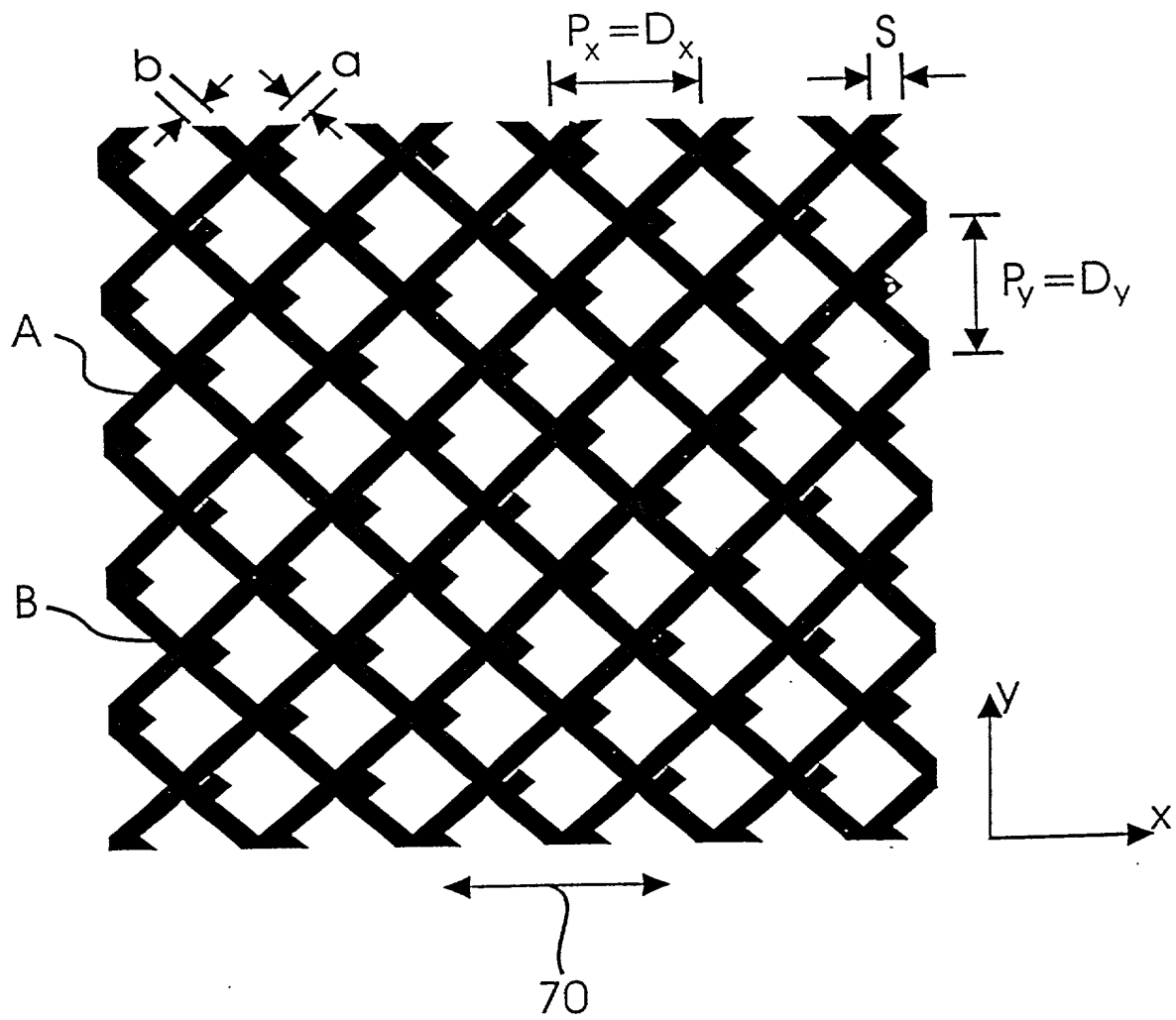
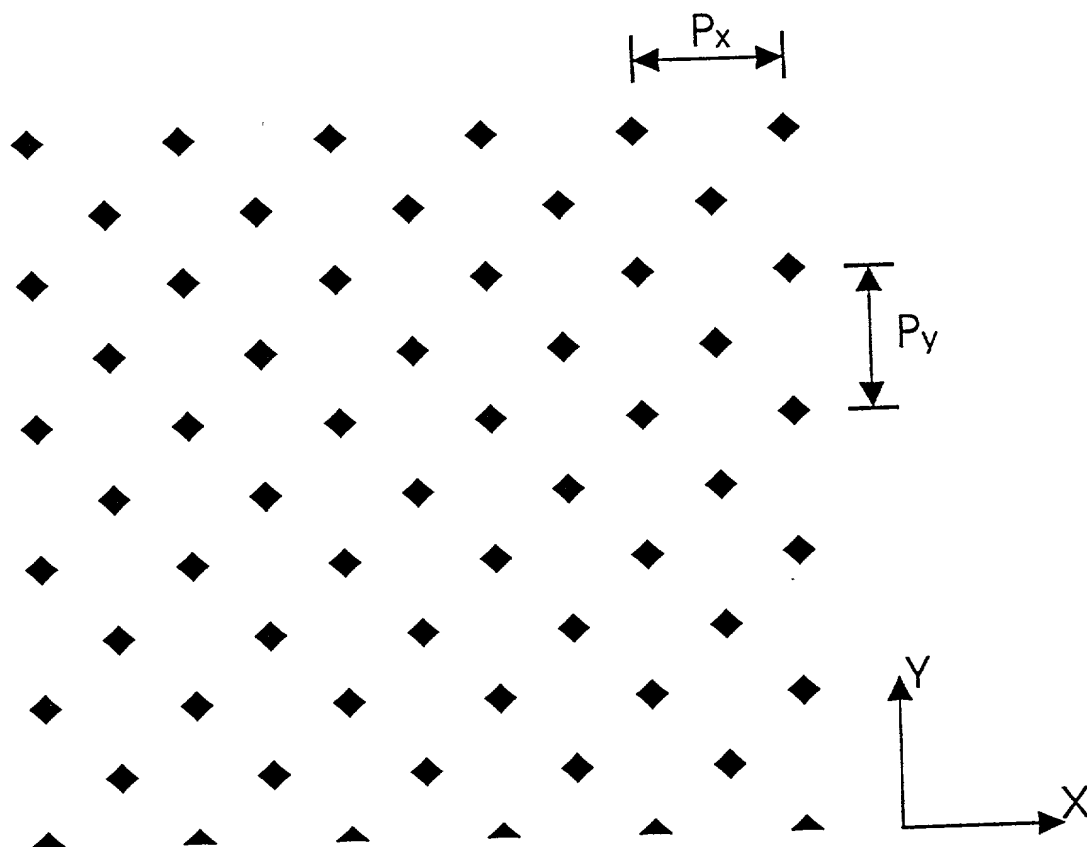
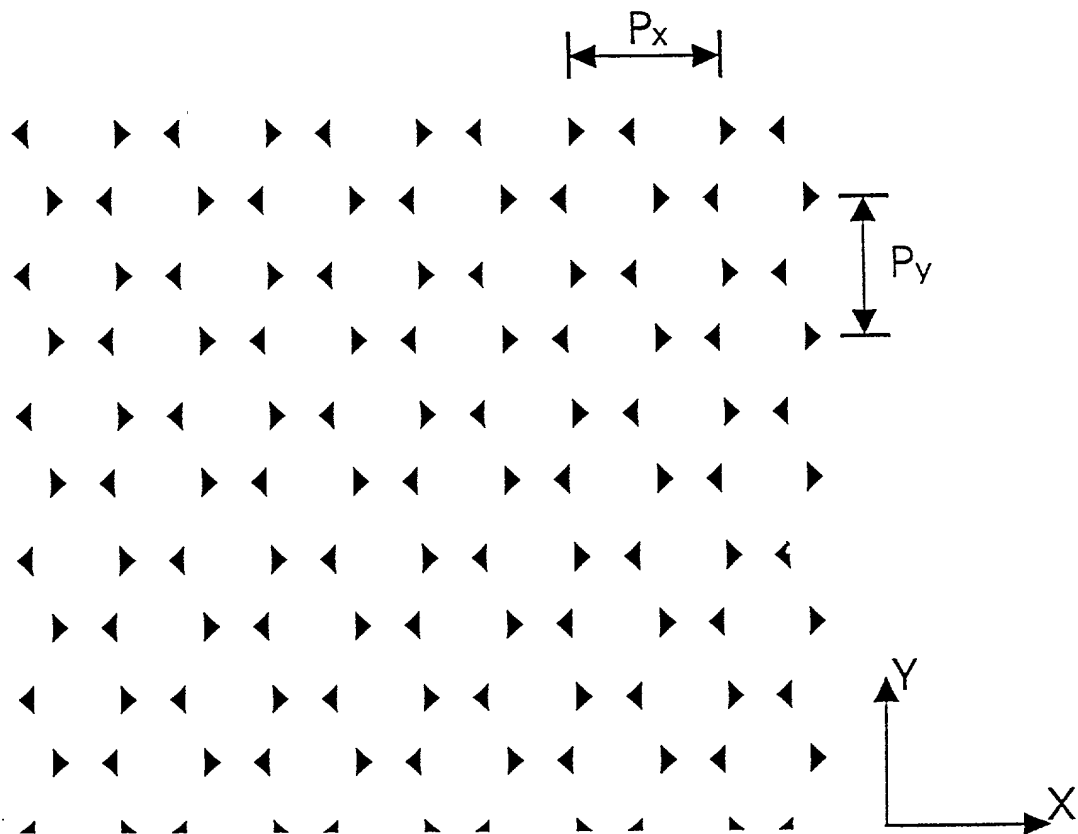


Fig. 8



*Fig. 9*

A schematic diagram of a hexagonal lattice structure 70. The lattice is composed of thick black lines forming a repeating pattern of hexagons. Labels include 'A' and 'B' pointing to different parts of the lattice, 'b' and 'a' indicating bond lengths, ' $P_x = D_x$ ' and ' $P_y = D_y$ ' indicating periodicities, and 'S' indicating a small gap. A coordinate system with 'x' and 'y' axes is shown in the bottom right corner.



*Fig. 11*

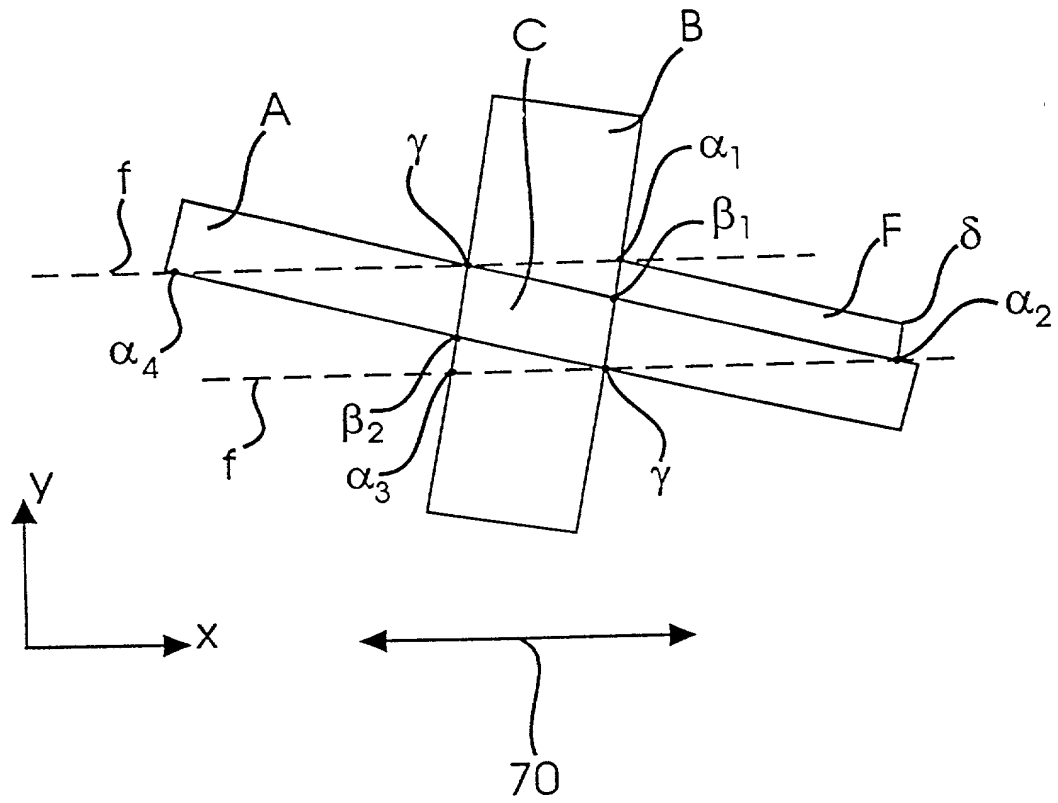
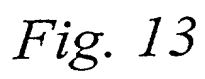


Fig. 12



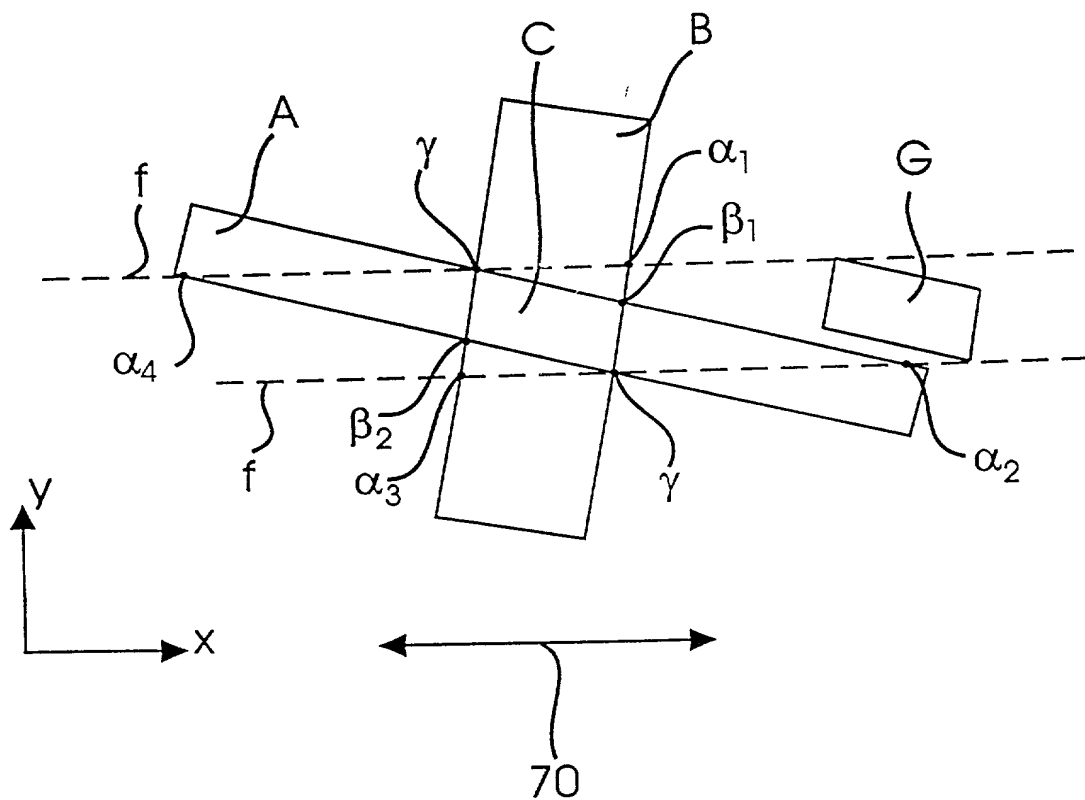


Fig. 14

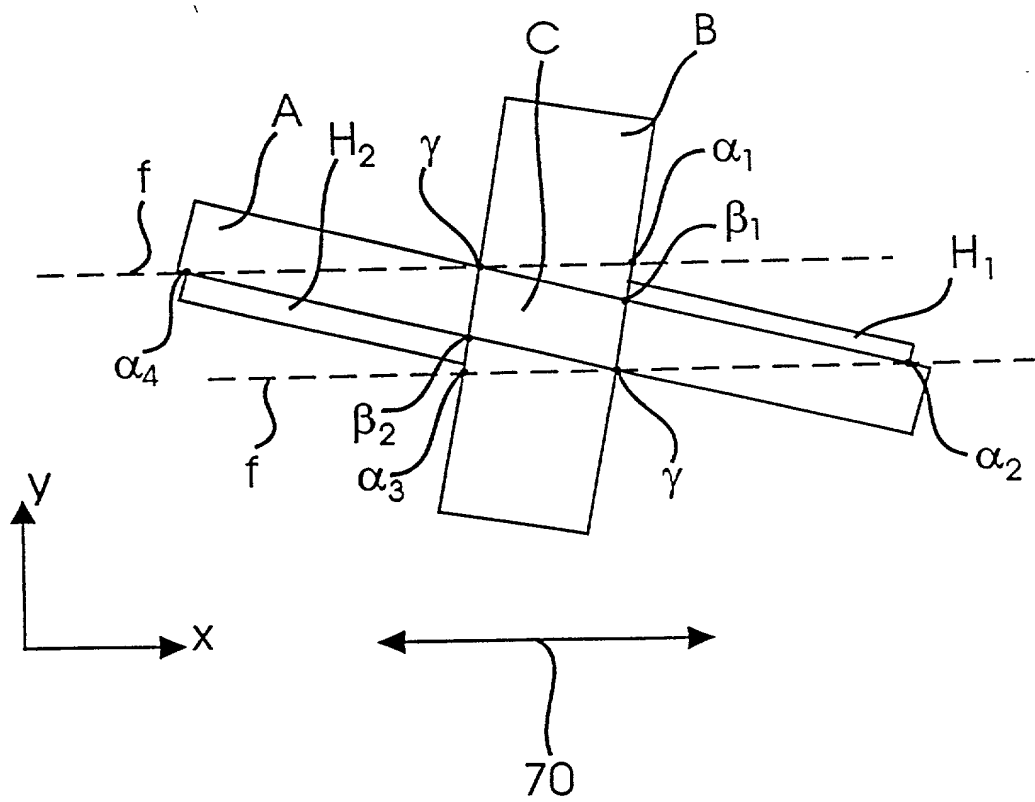


Fig. 15



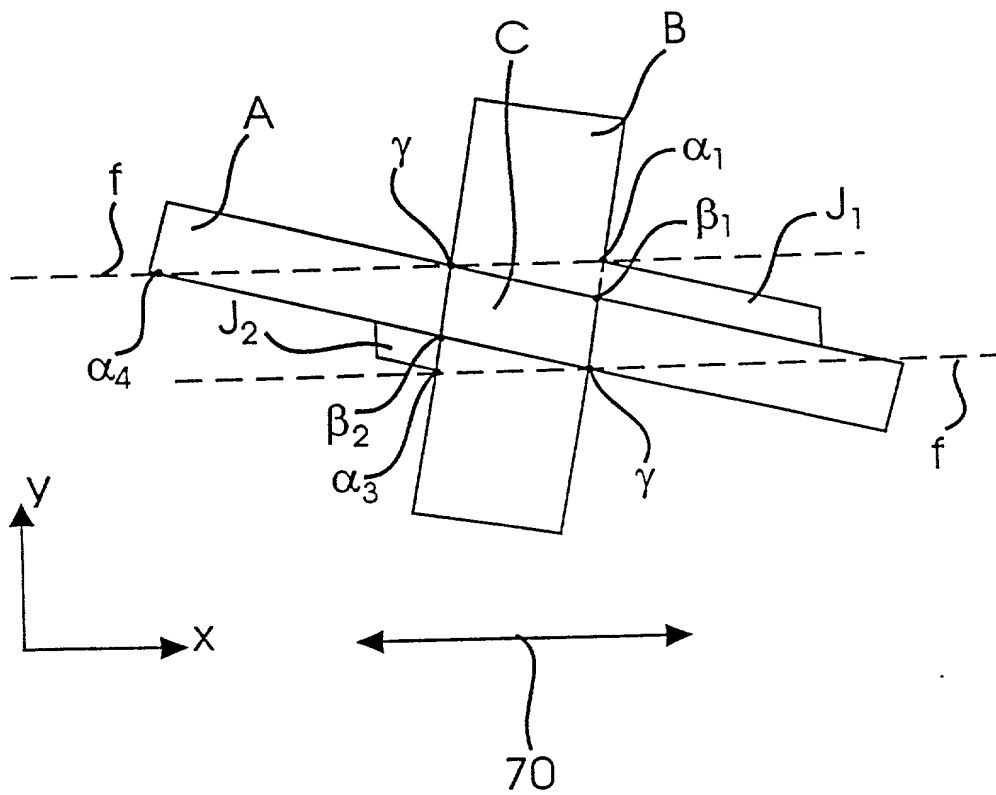
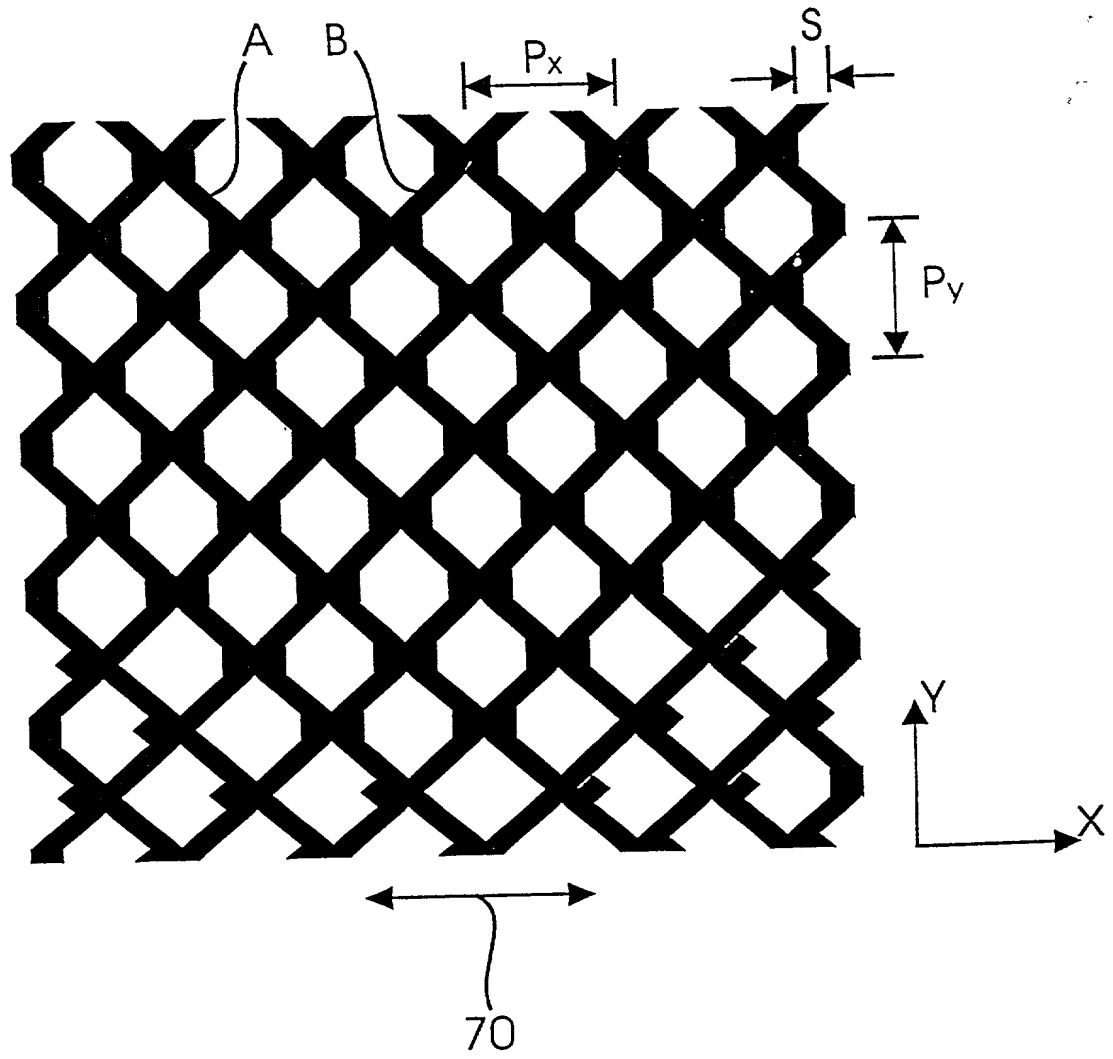


Fig. 16



*Fig. 17*

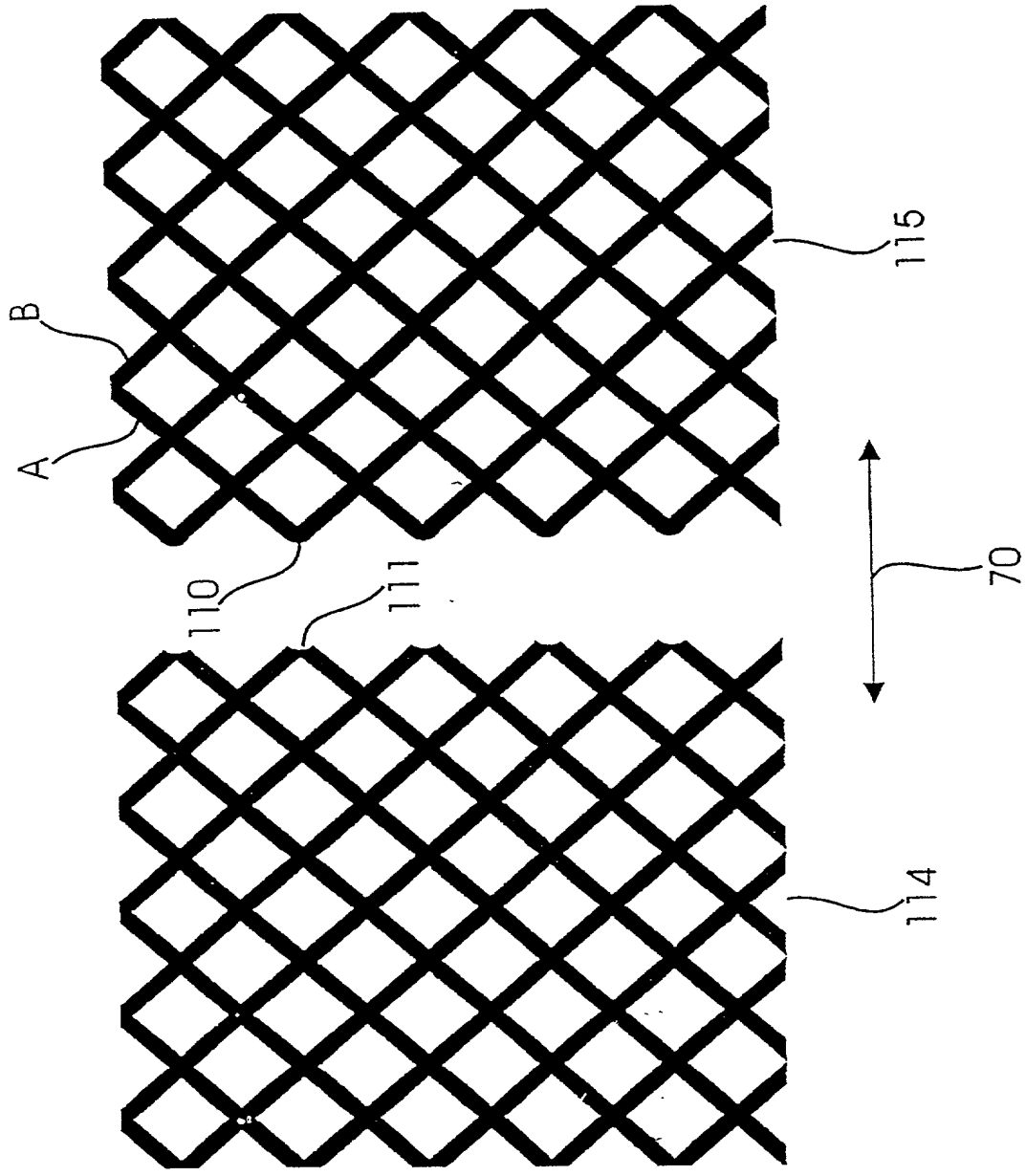


Fig. 18

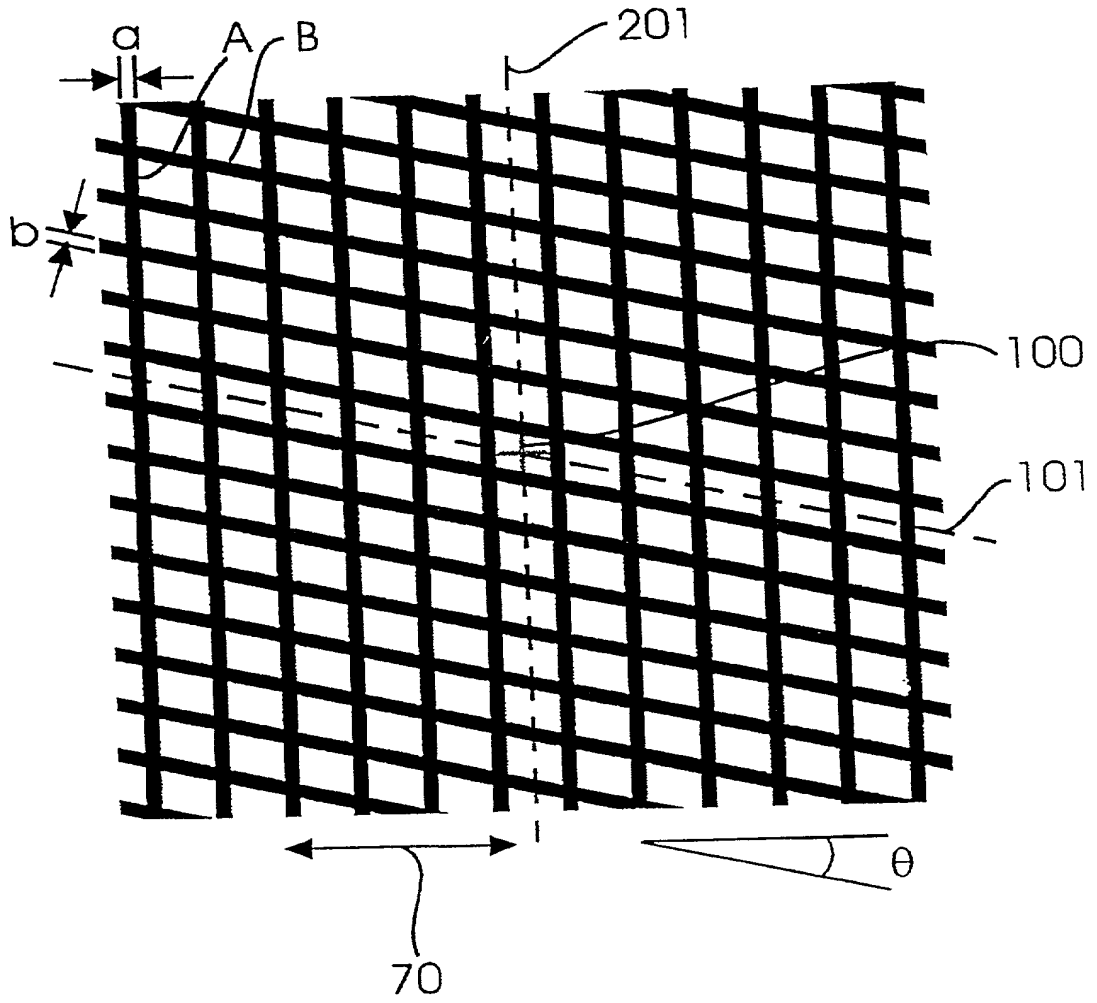


Fig. 19

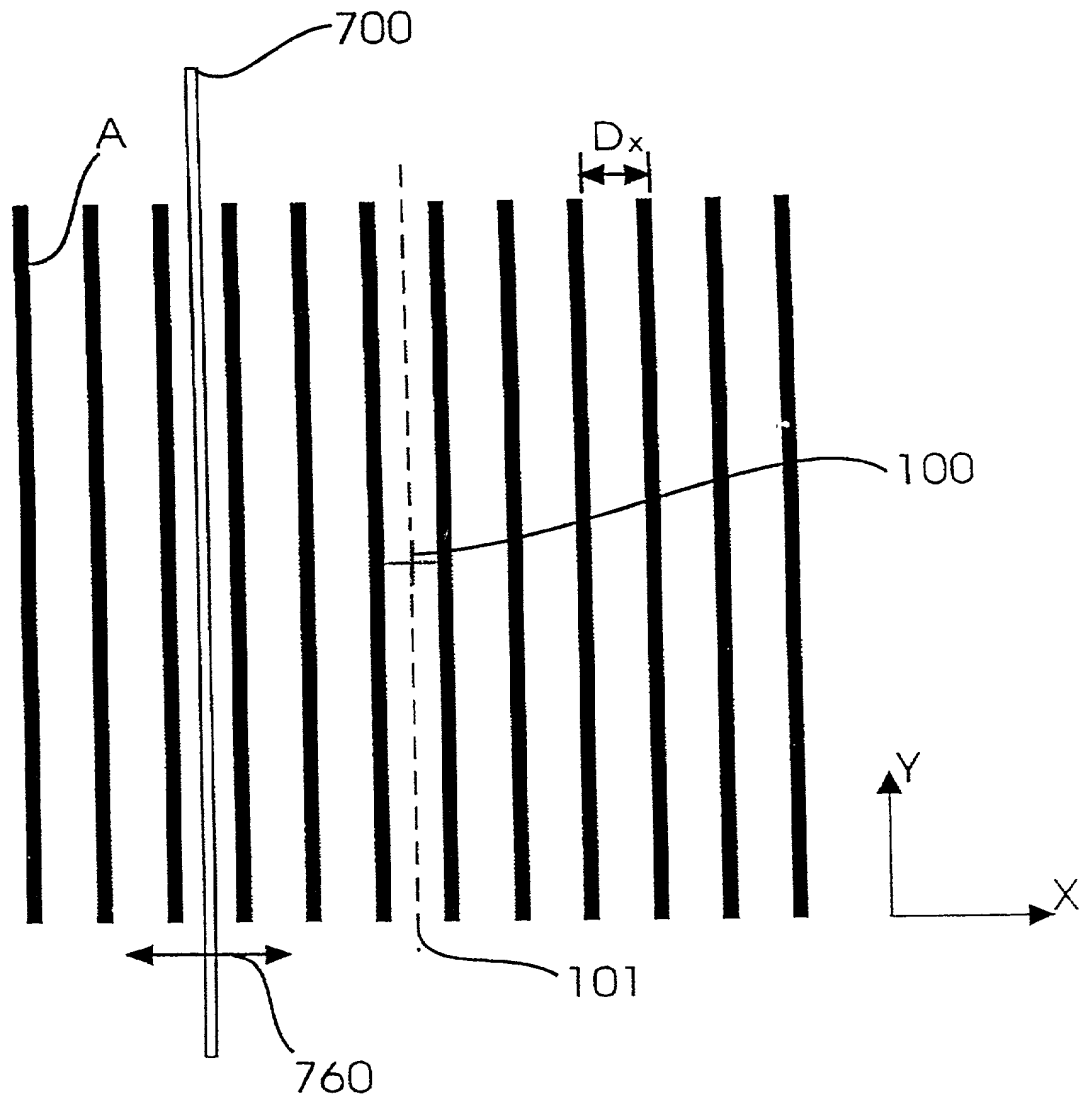


Fig. 20a

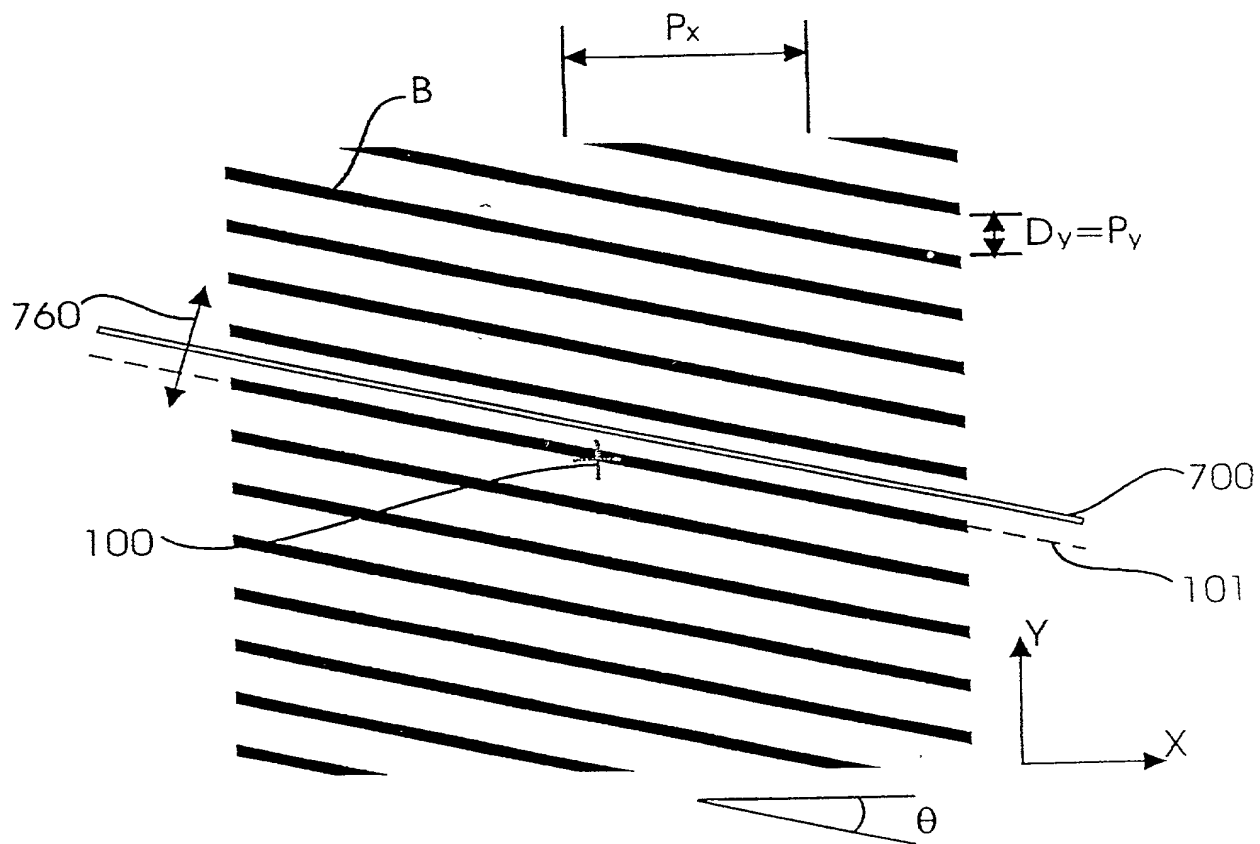


Fig. 20b

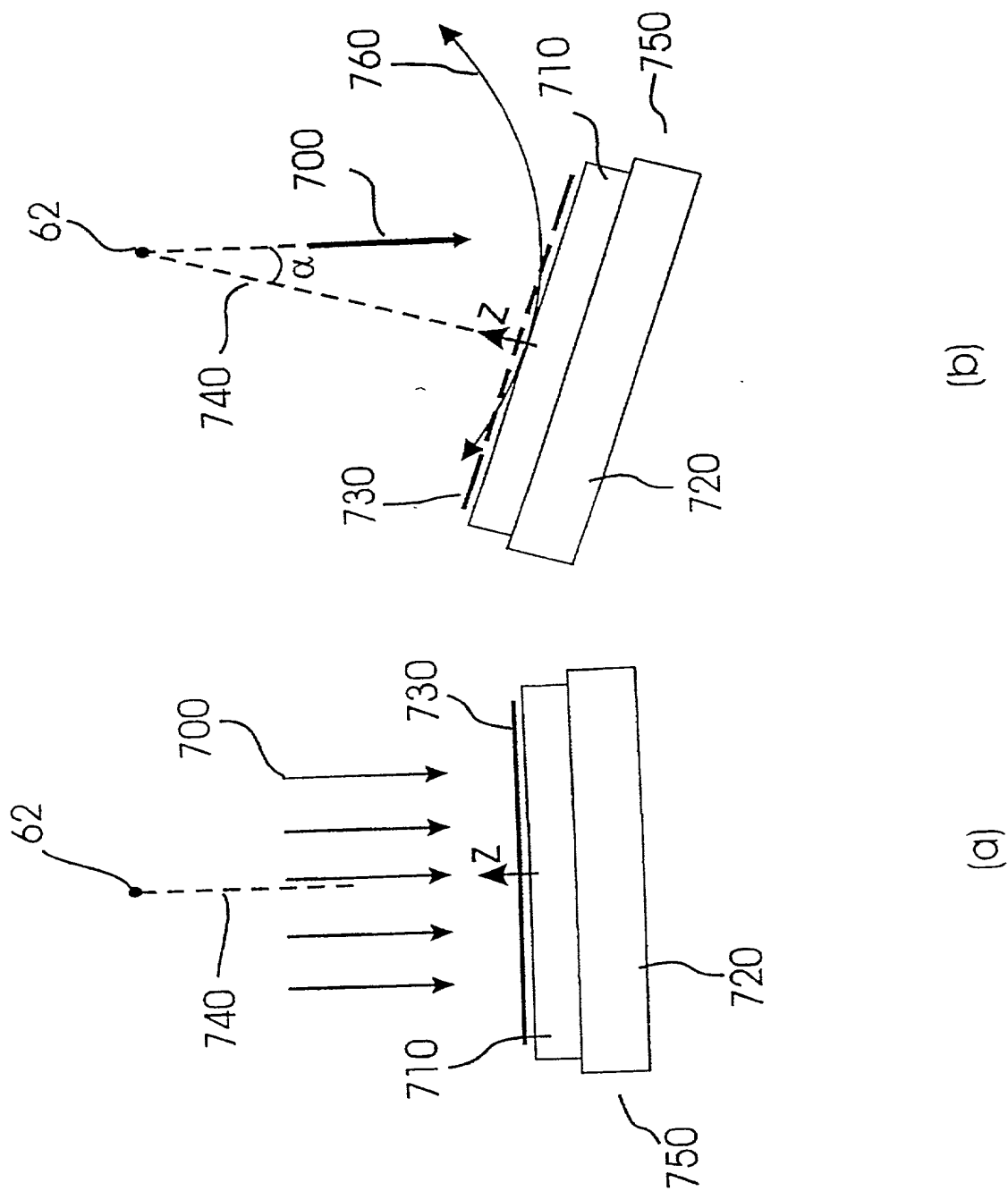


Fig. 21





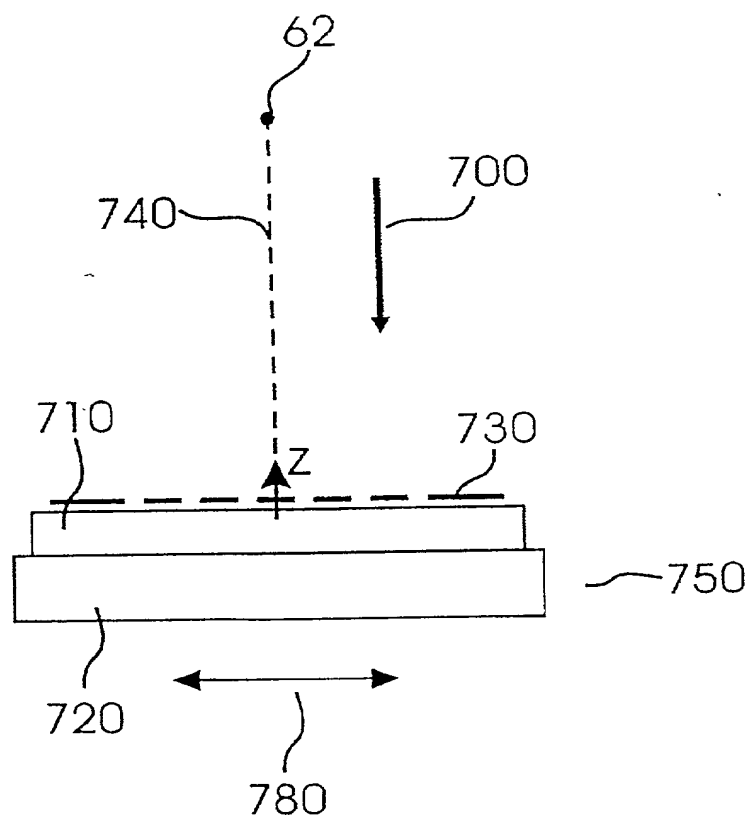


Fig. 22

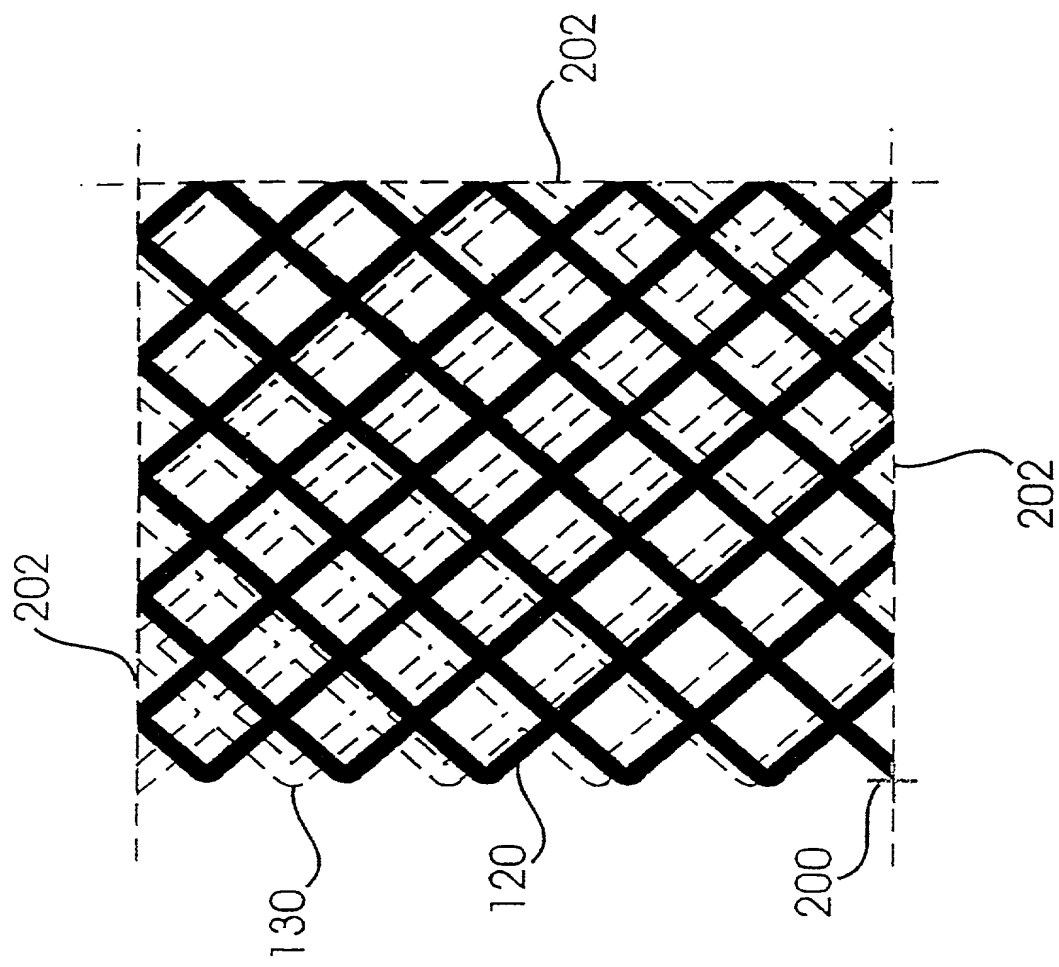
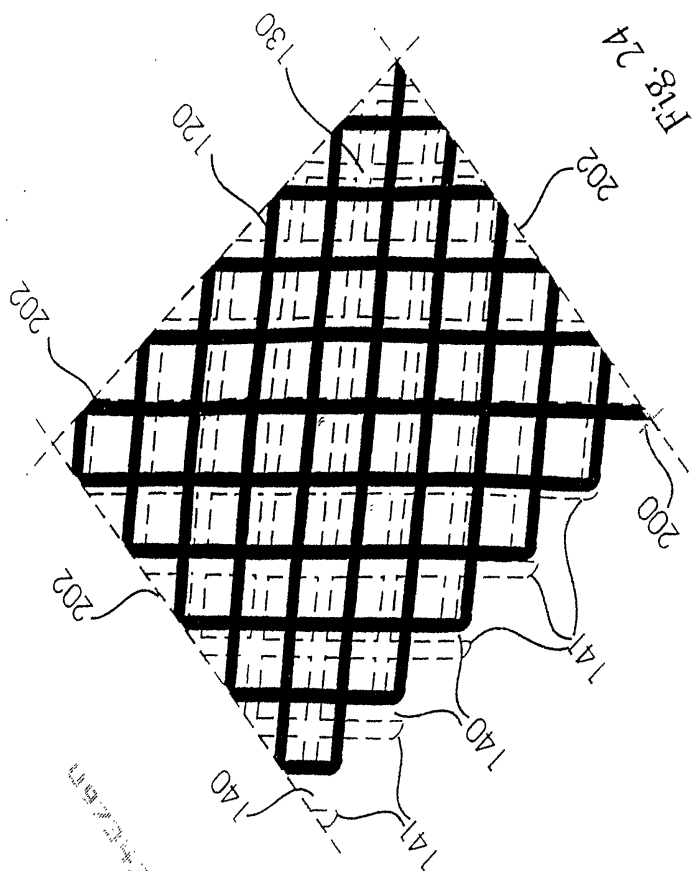


Fig. 23



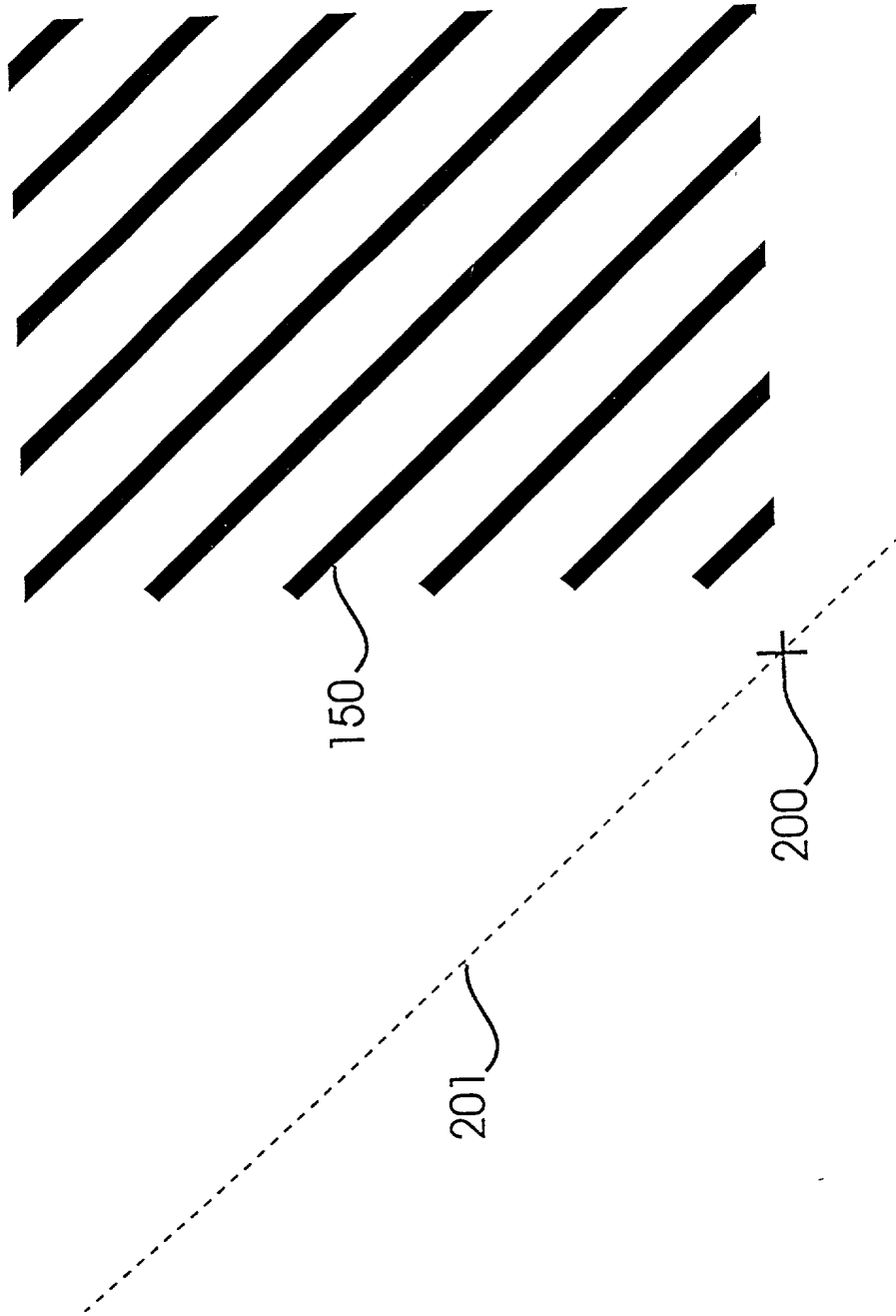


Fig. 25a

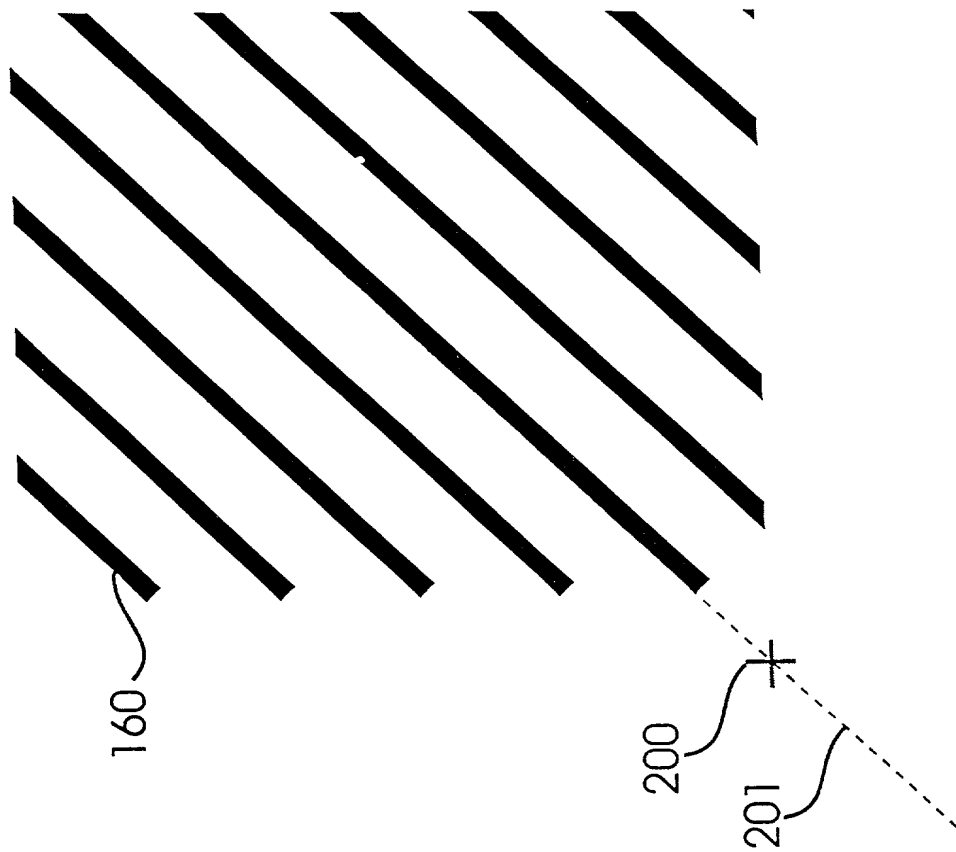


Fig. 25b

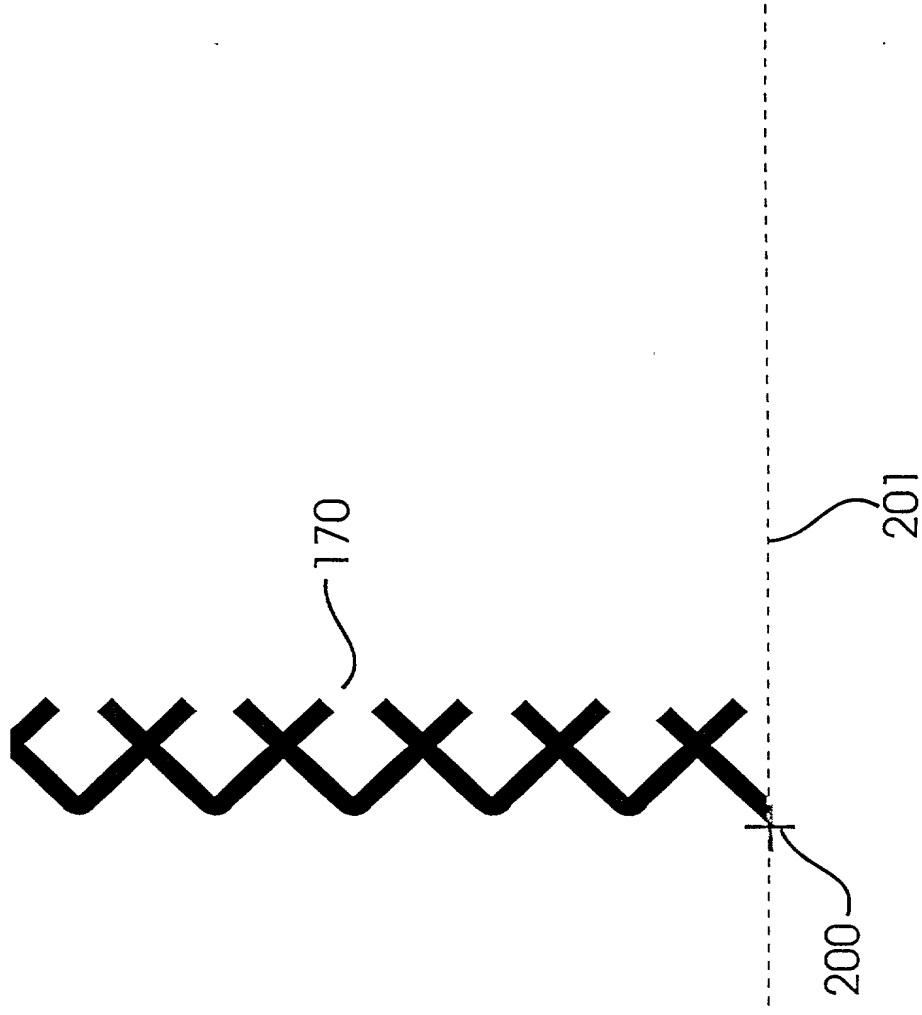


Fig. 25c

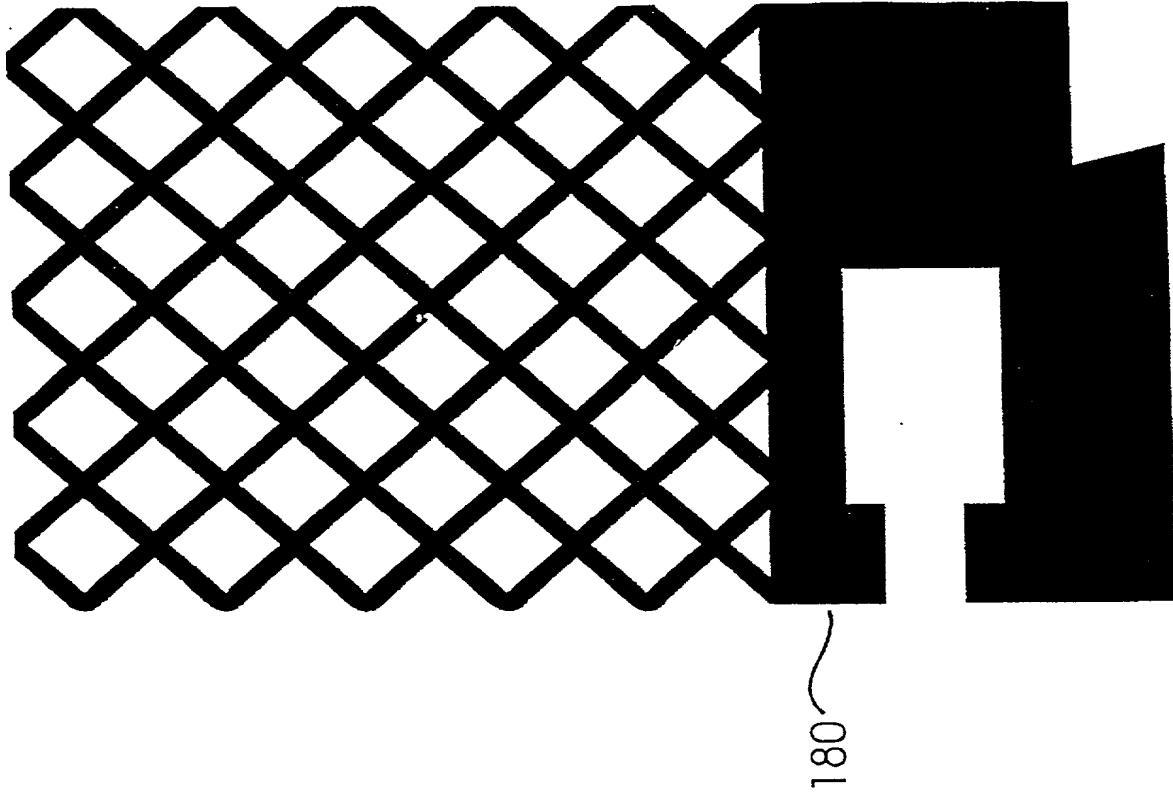


Fig. 26

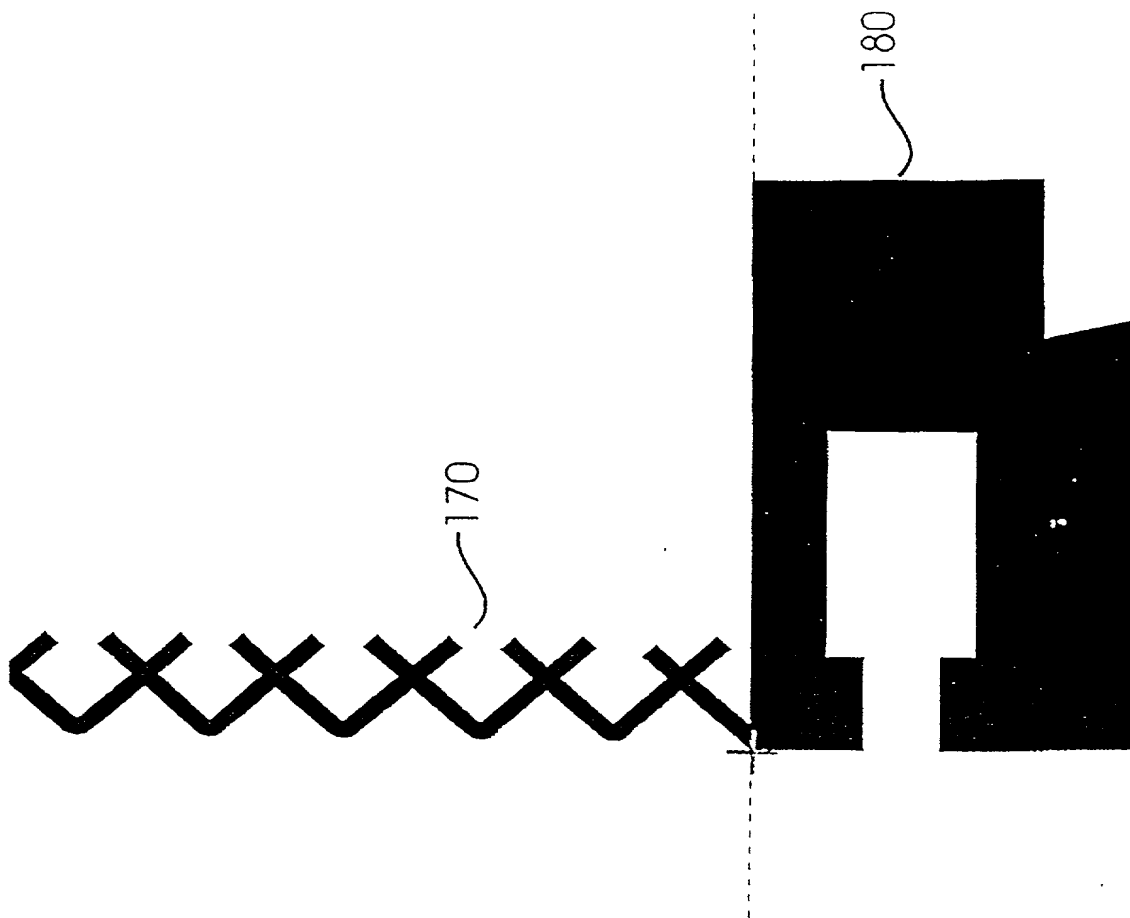
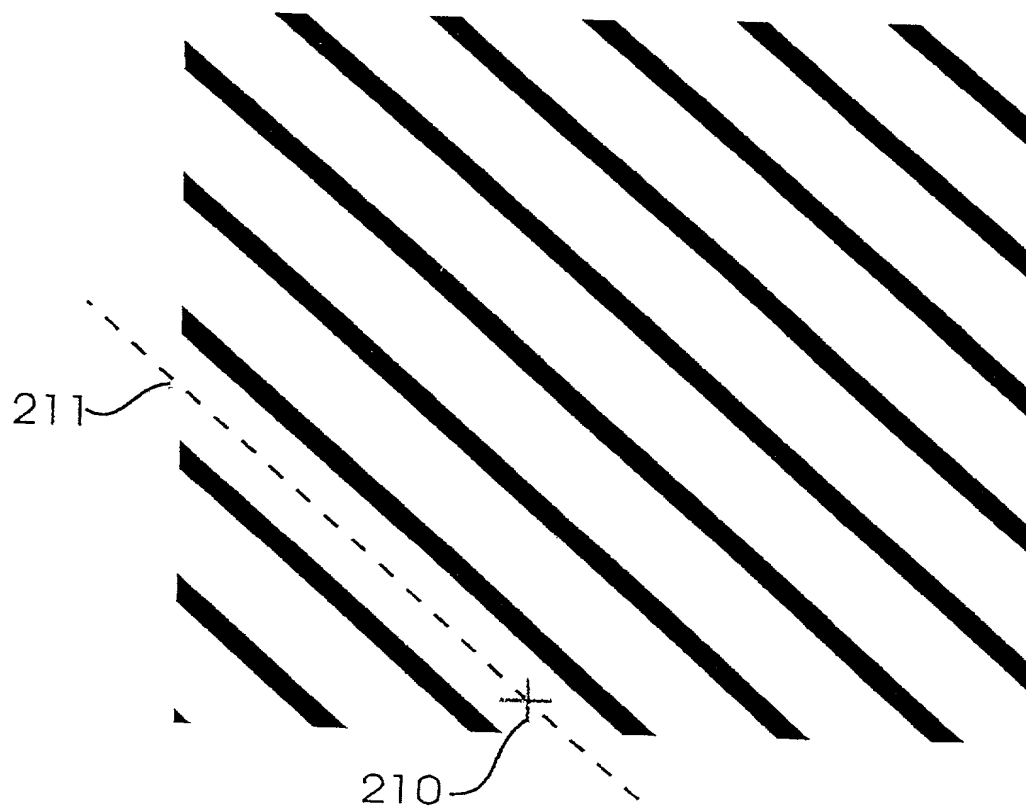
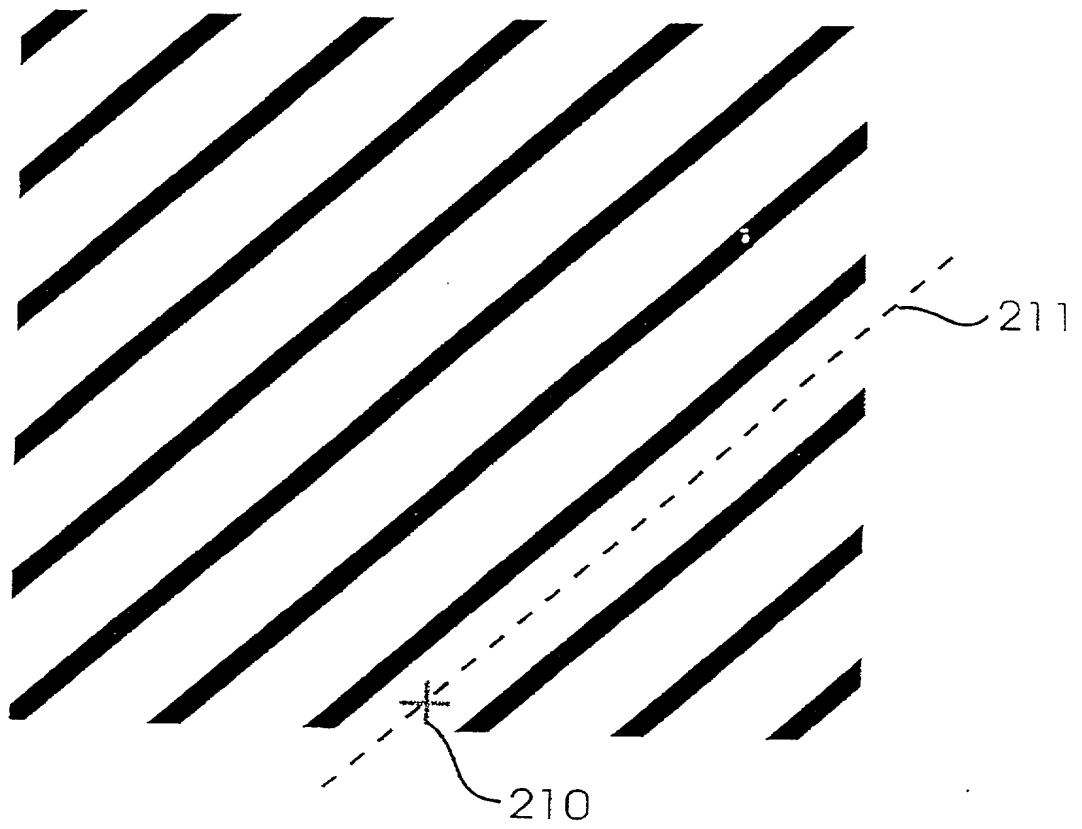


Fig. 27

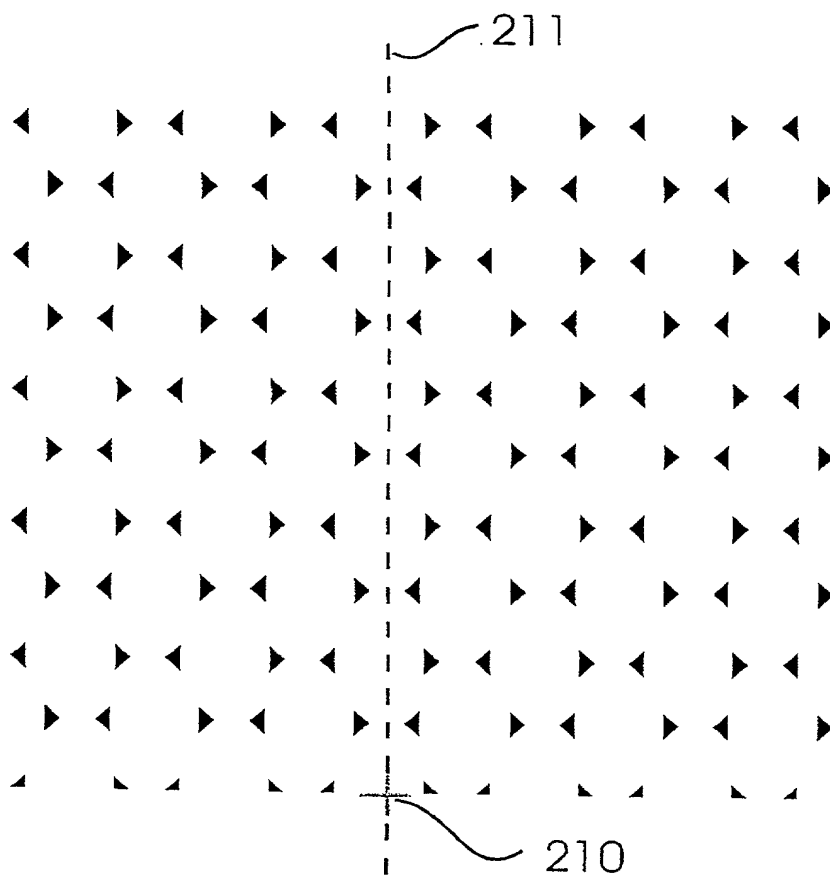




*Fig. 28a*



*Fig. 28b*



*Fig. 28c*

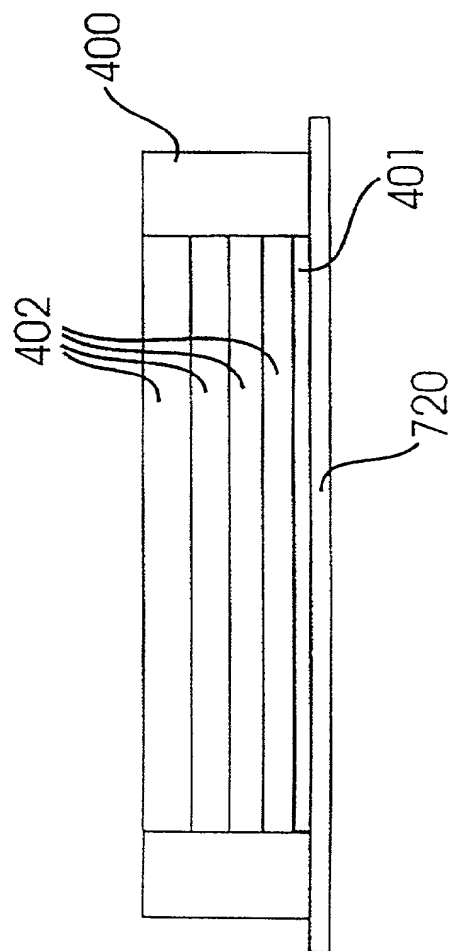


Fig. 29

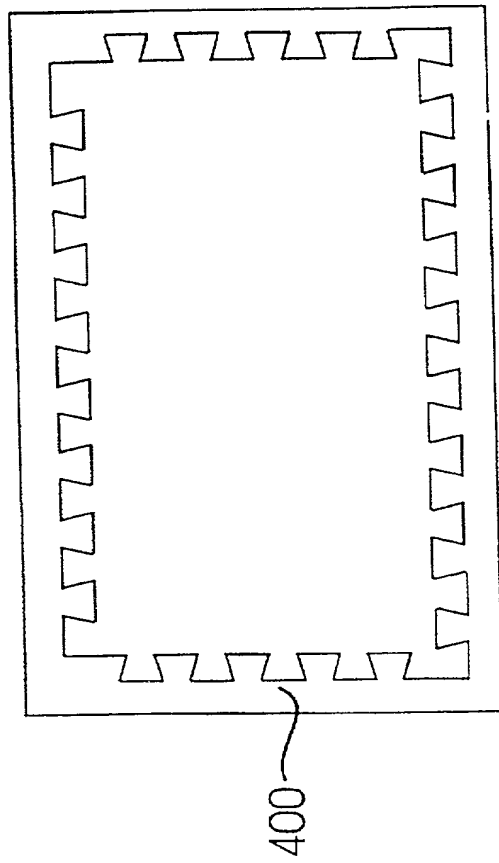


Fig. 30

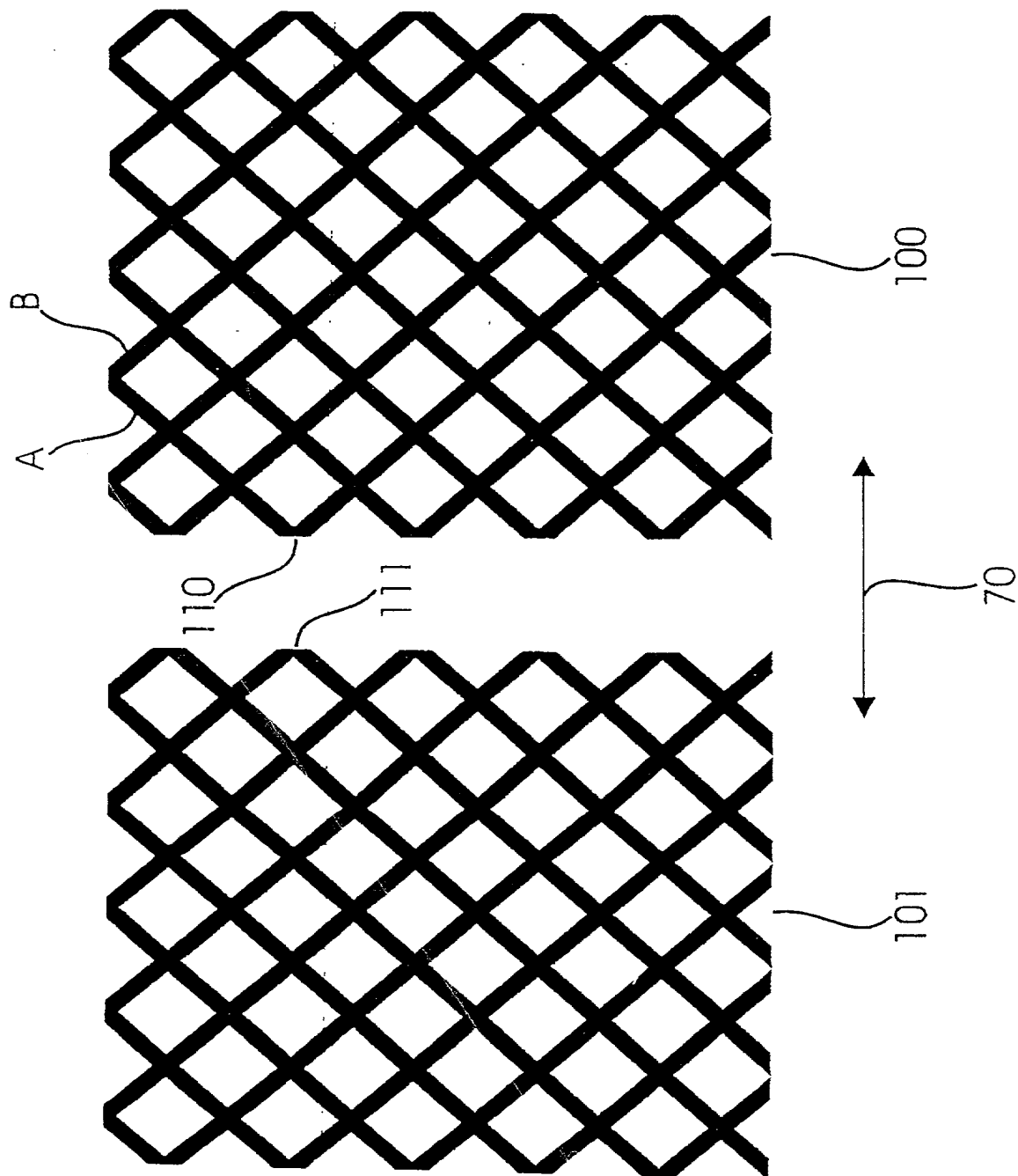


Fig. 31